

19970826.ba v01_n640.bam.970826 v01_n641.bam.970826

>From ???@??? Tue Aug 26 08:39:12 1997
Message-Id: <199708260503.AAA08647@sco.theporch.com>
Date: Tue, 26 Aug 1997 00:03:06 CDT
Subject: BOATANCHORS digest 1640

BOATANCHORS Digest 1640

Topics covered in this issue include:

- 1) TVI/VCR troubles...
by Sandy W5TVW <ebjr@worldnet.att.net>
- 2) Where Have all the little knobs gone....
by "Ray Allen, W2KBR/3" <raallen@erols.com>
- 3) DY-10/ARC-4 Question????
by George Humphrey <gah@koyote.com>
- 4) 6M ramble
by "Larry" <rau@wco.com>
- 5) NC300 mods
by Mike Sanders <k0az@i1.net>
- 6) TV/VCR troubles: The European cure
by Scott Robinson <spr@earthlink.net>
- 7) Odd Valiant Problem, Easy Fix
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 8) Re: TV/VCR troubles: The European cure
by Bob Roehrig <broehrig@admin.aurora.edu>
- 9) Re: Intrnatl. Xtal. A.O.L. RXs exist?
by Ray LaRue <raylarue@gte.net>
- 10) Re: Raised letter restoration (was Navy RCH RCVR questions/comments)
by Michael Hanz <AAFRadio@erols.com>
- 11) Collins (RE) 75S3C
by CADV16@aol.com
- 12) Re: SSB Question
by "William B. Ross" <billross@txdirect.net>
- 13) Re: TV/VCR troubles: The European cure
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 14) Re: SSB Question
by "William B. Ross" <billross@txdirect.net>
- 15) Re: Re. 100 watt freeband???
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 16) Re: USB / LSB conventions
by "Thomas A. Adams" <103360.2133@CompuServe.COM>

Date: Mon, 25 Aug 1997 20:24:51 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>

To: boatanchors@theporch.com, glowbugs@www.atl.org
Subject: TVI/VCR troubles...
Message-ID: <19970825202449.AAA13884@LOCALNAME>

Hello gang,

I was wondering.....since basically the FCC has abrogated its old duty of trying to resolve TVI/VCR-TVI complaints.....has anyone out there thought about bringing a 'class action' lawsuit against the VCR and/or TV manufacturers (maybe even include the 'cheap electronic' telephone industry as well) for laxity in providing any safeguards for Interference from RF energy emitting devices in other services and other bands?

The TVI problem has been solved to some extent by cable TV and satellite systems, but the problem with inadequate shielding is a severe one with most VCRs and a plethora of "electronic" telephones. I know some manufacturers are putting in "disclaimers" as to the fact that "This device might be subject to interference...etc." Does this completely shield them from any litigation, and allow them to leave out practically ANY safeguards against interference from external devices?

Any lawyers out there or people with previous troubles that have any input?

It seems everyone else is getting involved in these type of suits, why can't the amateur fraternity?

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Mon, 25 Aug 1997 19:18:30 -0700

From: "Ray Allen, W2KBR/3" <raallen@erols.com>

To: boatanchors@theporch.com

Subject: Where Have all the little knobs gone....

Message-ID: <34023CF6.6A5@erols.com>

Those of the warm glow:

I have recently acquired a nice SX-99. And aside of a bit of aligning to do, it works OK. Not to mention it's also in good shape.

BUT as always the knobs leave a bit to be desired. Never can figure out who eats the knobs....This rig has 5 small Black/Red ones, with 2 others

black w/"silver" inserts. The Main Tune and Bandsread are same, except one of them is missing the insert. The very small knobs (3) 2 are metal serrated, and the last is black plastic non descript....So who has the right knobs for this guy, to sell or trade or whatever....and any suggestions wud be most appreciated...

Tnx, 73
Ray Allen W2KBR/3
8303 Grainfield Rd.,
Severn, MD. 21144-2331

Date: Mon, 25 Aug 1997 19:05:11 -0500
From: George Humphrey <gah@koyote.com>
To: boatanchors@sco.theporch.com
Subject: DY-10/ARC-4 Question????
Message-ID: <1.5.4.32.19970826000511.00e044b0@mail.koyote.com>

BAers,

I want to check out a Dynamotor (DY-10/ARC-4) to see if it operational. It requires a 28 VDC input, but I have no schematic for the 8 pin connector. If I look at the connector on the dynamotor with the fan blades to my right, which pins do I connect to the 28 VDC???? Next, which pins do I check for output and what should be the outputs???

Thanks and 73s
George KC5WBV

Date: Mon, 25 Aug 1997 18:25:20 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: 6M ramble
Message-ID: <199708260027.RAA23307@shell.wco.com>

well.. six meters aint called the magic band for nothing...in this last rather crummy sun spot "high" i worked kwajellin island from the west cost with 10 watts ssb and a ground plane.. and he was using the same kinda antenna !.. shows to go ya... (actually that single lobe at that angle is just about right)

Raise your hand if you got your WATV (worked all tee vees) on 6 meters... I sure did. I lived on the back side of a hill in the channel 2

fringe area.. and around 1961 most folks tv's wer made inthe 50's.. and it was eassier to overload thier front ends than to make friends in the back of a psychedelic VW bus..but thats another story...

My transmitter was a home brew job (not my work) from the hand book.. with a 2E26 final.. it stood 3 feet tall and about a fot wide and deep. mostly aluminum "cane" metal... remember that stuff ?...

It really just was over loading front ends., my real problem was i was rock bound on the "wrong" frequency while all the Bay Area hams were else where...my reciever was a 6'er rush box.. and the antenna a 3 el quad that i did make at about 30 feet, armstrong rotor (remember those.. in fact that is the classic test to see if you gre up rich or ppor.. did you have home brew gear or factory... and if you had a vhf beam did you own a rotor or not !

The mast were those WW 2 olive drab sections about 5.5 feet with a 3/8 guide pin, that " plugged into one another...I had about 50 feet of them, whcih ilent to an art center.. and they kindly torched them for the steel !

anyway.. I got disgustedwith the rock bound and regen dilemmas and borrowed a friends lafayette H-45 or whatever it was cllled.. and thats when the FCC rolled up in his for d station waggon with one of those ancient Hallicrafters recievers with the acorn tube front ends.. and announced that I had harmonics.. and wrote me up.. that's like saying a house has spiders.. but i wrote a long letter like only a 14 year old kid can, and got to keep my license (I should hope so !)

After that.. being a tech and having stupidly let my concurrent novice goto waste).. I decided wisdom lay in going mobile... and I some how scored a tower and a 6 volt vibrator pack,, and went AM mobile on 2m with my regen reciever in the VW. Good thing about the regen is you can't hear the ignition noise !

Ok,now we need some good 6 Volt Mobile stories .

Larry W6WUH

Date: Mon, 25 Aug 1997 19:37:44 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: NC300 mods
Message-ID: <3.0.16.19970825193513.2aff2cc0@i1.net>

Greetings All, I am posting to the list due the the number of requests I received. ER ran a couple articles and a letter on these mods. I do not have the exact issues in front of

me but you can check the indexes in ER for them. 73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 503 grids confirmed 47 countries 49 states 4 continents

E skip only

2 Meters VUCC #447 189 grids confirmed 3 countries 44 states 1 continents

Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

Date: Mon, 25 Aug 1997 17:42:27 -0700

From: Scott Robinson <spr@earthlink.net>

To: boatanchors@theporch.com

Subject: TV/VCR troubles: The European cure

Message-ID: <34022673.F3C615F6@earthlink.net>

Folks,

The Europeans have devised a cure for all this, and it's worse than the disease. Put your VCR/other widget in a 3V/M field and sweep 80 MHz-1 Gig. Couldn't hear a thing? You pass, and can now sell your product.

Having qualified products to this standard, I'll tell you it's a hassle to do. It does, however, result in pretty well shielded products...which the user promptly ruins by using the wrong cables, or should I say antennas?

A lot of molded RCA audio cables use spiral wrapped shields, which are highly inductive and useless at RF frequencies. Proper interconnects will help. I expect that F connector cables don't have this problem.

Good luck. I grew up in a fringe area (100 miles from LA TV transmitters and 6M operation simply did not exist. Ch 2 was CBS affiliate and there was no way to co-exist while clobbering ch 2 reception.

Regards,

--

Scott Robinson

spr@earthlink.net

Junque is GOOD for you!

Date: Mon, 25 Aug 1997 21:04:22 -0400
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
To: boatanchors@theporch.com
Subject: Odd Valiant Problem, Easy Fix
Message-ID: <v0300780db027d6961adc@[134.53.65.12]>

Hi Gang,

Here's a service item to file away, for you Valiant owners. I acquired a couple of Valiant IIs a couple of months ago from a list member, and this evening gave them a once-over. Peering through the cabinet holes with a flashlight, I could see that one rig had been rather substantially modified. The LV transformer wasn't original, a non-stock filter choke was bolted onto the chassis, etc.

The other, described as untested and probably not working, looked stock at first glance, so I decided to pull it out of the cabinet and power it up. Needless to say it didn't work. The symptom was that the VFO didn't work on the 80/160 meter bands, and on the other bands it produced a fixed frequency output near the high end of its range. The VFO tuning knob had no effect on the output frequency. Listening to the signal on a receiver showed the output to be raspy, rather like a parasitic oscillation, but also relatively stable (within a kHz or so).

Naturally, I then turned my attention to the VFO, and discovered that a previous owner had evidently made the same diagnosis. The side panel of the enclosure was loose, and the top cover plate was held in place by friction only. I removed the side panel and checked the screen and plate voltages on the 6AU6, finding they were normal. I held a screwdriver near the VFO coil, and while it changed the output frequency slightly, it didn't have as big an effect as I would have expected. Before settling in for a tedious checkout of the entire VFO circuit--not an easy task-- I decided to test some of the peripheral circuits first.

To make a long story short, the problem turned out to be merely a bad tube --- not the VFO tube, but the keyer tube, a 12AU7! Replacing it restored normal operation. I have no idea why the bad tube produced this odd symptom. Apparently, a previous owner had figured the problem to be in the VFO, had tried unsuccessfully to fix it (which was not possible because it wasn't broken) and eventually gave up and sold the rig.

The moral of the story, I suppose, is that one should always check out the easy things in a broken rig first (like the tubes), before tearing into the

guts. Not a very profound moral, but there's at least one Valiant owner out there who lost a really nice rig by ignoring it.

73,

Jim Garland W8ZR

Date: Mon, 25 Aug 1997 20:02:48 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Scott Robinson <spr@earthlink.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TV/VCR troubles: The European cure
Message-ID: <Pine.ULT.3.96.970825195929.29007B-100000@admin.aurora.edu>

On Mon, 25 Aug 1997, Scott Robinson wrote:

> Good luck. I grew up in a fringe area (100 miles from LA TV
> transmitters and 6M operation simply did not exist. Ch 2 was CBS
> affiliate and there was no way to co-exist while clobbering ch 2
> reception.

I live 40 miles west of Chicago and the CBS affiliate is also on Chan 2 and, while the other stations have either gone to the top of the Sears tower or have otherwise improved their signals over the years, Chan 2 is still lousy here. That's one reason my 6 meter stint was so short.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Mon, 25 Aug 1997 21:39:33 -0400
From: Ray LaRue <raylarue@gte.net>
To: MNHopkins@aol.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Intrnatl. Xtal. A.O.L. RXs exist?
Message-ID: <340233D5.568E@gte.net>

Michael,
I don't have any of the receiver modules but I do have the complete 1965 catalog which details the parts involved. This includes most of the schematics as well as component model numbers. The catalog has been in

the file cabinet most of the time and is in good condition.

I still have a couple of the oscillator modules models OT-2A and 3, including the data sheets, I believe. Also have a couple of the MT-1 mounting kits. These have never been used. May have a couple of 40 and 80 meter crystals that went with them, but I would have to find them.

Is this of any interest to you?

73,

Ray, W4BYG

Date: Mon, 25 Aug 1997 21:37:07 -0700
From: Michael Hanz <AAFRadio@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Raised letter restoration (was Navy RCH RCVR questions/comments)
Message-ID: <34025D73.45CE@erols.com>

> Bob Roehrig wrote:

> > One question I have is about refinishing the front panel. This is a black
> > rack panel and the lettering is the raised surface of the metal itself.
> > How does one repaint such a thing? Just paint it and try and sand the
> > paint off the raised lettering?

Then Lenox Carruth wrote:

> ... very fine emery cloth can be used if you need it but this is slow
> compared to the knife. You must be careful and take your time. If you
> get in a hurry, you will usually slip and mess up the finish.

The knife works very well on smooth finishes, but with black wrinkle...well, as they say, timing is everything! The wrinkle paint forms a film as its molecules cross-bond. That film is soft for a period in the first few hours and yields very nicely to the knife technique during that period. The big problem arises if I attack it too late, whereupon some of the paint in the hollows of the letters may come away with the surface film on the raised lands - or too soon, in which case I've gotten a lot of gooey smearing that I have to touch up later anyway. Rather than fight the vagaries of timing and environmental modifiers, I prefer to wait a couple of days and attack the lettering with a tool used by diemakers. It consists of a plastic form the size of a pencil, around which is held a "rubber band" 1/4" wide endless strip of fine sandpaper under spring tension. One end is a wedge, and the other is a radius of maybe 3/16". The small wedge end permits very selective sanding to be done - with a good magnifier and some patience you can get exactly the effect you wish without the "oops" I've experienced with an Exacto knife (as Lennox warns above.) Slightly slower, to be sure, but more predictable and easier to use on the

wrinkle finishes..at least those of us with attention disorders (terminal lack of patience) like mine. The time limit for when you sit down to easily do this stretches out to a couple of weeks - but anything beyond that just requires more time due to the hardening of the paint, obviously not a fatal condition. Most machine tool suppliers have these tools - less than \$5 at most of them. Replacement bands of varying abrasive grades are available. I'll dig up the MSC number for anyone interested...'tain't here at home.

--

73,
Mike Hanz, KC4TOS
Herndon, VA
AAFRadio@erols.com

Date: Mon, 25 Aug 1997 21:59:50 -0400 (EDT)
From: CADV16@aol.com
To: boatanchors@theporch.com
Subject: Collins (RE) 75S3C
Message-ID: <970825215644_1411843111@emout13.mail.aol.com>

The Collins 75S3C (RE) receiver I posted for sale yesterday, has been sold for the asking price. Thank you to all that responded.

Elliott / K7ER

Date: Mon, 25 Aug 1997 21:40:54 +0900
From: "William B. Ross" <billross@txdirect.net>
To: jproc@bellglobal.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SSB Question
Message-ID: <34017D56.CD594E86@txdirect.net>

Jerry

Convention developed for a reason. Most of the first side band exciters were HB (Home Brewed) and used an easily copied scheme. A carrier was generated at 9 Mhz (abundant WWII surplus crystals) converted to SSB in a balanced modulator, run through a multipole crystal lattice filter (also 9 Mhz). The resultant sideband output was heterodyned to the operating FX against a 5 to 5.5 Mhz VFO. 9 Mhz + 5 Mhz gave us USB on 14 Mhz and 9 Mhz - 5 Mhz gave us 4 Mhz USB. One carrier, one filter, one VFO gave us 2 bands (7 Mhz was not a phone band

at this time.

As we got used to these sidebands at these frequencies, we just continued the convention.

Bill Ross K5LLK

Date: Mon, 25 Aug 1997 22:02:58 -0500
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TV/VCR troubles: The European cure
Message-ID: <3.0.32.19970825220255.00816ac0@postoffice.worldnet.att.net>

At 01:02 AM 8/26/97 +0000, you wrote:

>On Mon, 25 Aug 1997, Scott Robinson wrote:

>

>> Good luck. I grew up in a fringe area (100 miles from LA TV
>> transmitters and 6M operation simply did not exist. Ch 2 was CBS
>> affiliate and there was no way to co-exist while clobbering ch 2
>> reception.

>

>I live 40 miles west of Chicago and the CBS affiliate is also on Chan 2
>and, while the other stations have either gone to the top of the Sears
>tower or have otherwise improved their signals over the years, Chan 2
>is still lousy here. That's one reason my 6 meter stint was so short.

Does 6 meters really tear up Channel 2 in most areas?

We have an NBC station (KPRC) here in Houston.

I've thought about trying 6 but want to know the TVI problem first.

No idea who is on cable and who uses TV antennas around me!

bratcher at worldnet dot att dot net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

Looking for prerecorded reel to reel tape albums.

I like old radio's too.

Collins, Hallicrafters, National & Hammurlund are my Favorites!

Date: Mon, 25 Aug 1997 22:56:49 +0900
From: "William B. Ross" <billross@txdirect.net>
To: jproc@bellglobal.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SSB Question
Message-ID: <34018F21.75B4F84A@txdirect.net>

Jerry

Convention developed for a reason. Most of the first side band exciters were HB (Home Brewed) and used an easily copied scheme. A carrier was generated at 9 Mhz (abundant WWII surplus crystals) converted to SSB in a balanced modulator, run through a multipole crystal lattice filter (also 9 Mhz). The resultant sideband output was hetrodyned to the operating FX against a 5 to 5.5 Mhz VFO. 9 Mhz + 5 Mhz gave us USB on 14 Mhz and 9 Mhz - 5 Mhz gave us LSB on 4 Mhz . One carrier, one filter, one VFO gave us 2 bands (7 Mhz was not a phone band at this time).

As we got used to these sidebands at these frequencies, we just continued the convention.

Bill Ross K5LLK

Date: 25 Aug 97 23:57:26 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re: Re. 100 watt freeband???
Message-ID: <970826035726_103360.2133_JHL65-2@CompuServe.COM>

Holy Fecal Refuse, Batman!!!

100 watts without a license??? I sure wanna know more about THAT new FCC ruling!

Especially when LICENSED broadcasters are under far more stringent requirements than THAT!

For example, WHA - AM (Madison, Wisconsin, 970 KHz) runs 5000 watts daytime, and goes to a thunderous maximum power of FIFTY SIX WATTS under a post sunset authorization!

Under this ruling, the University of Wisconsin would be much better off by surrendering thier license, and setting up as a freebander!

SOMETHING doesn't smell right here. Did the original poster mean the old 100 MILLIWATT (ie, 1/10th watt) provisions of Part 15?

Tom, K9TA

Date: 25 Aug 97 23:57:23 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re: USB / LSB conventions
Message-ID: <970826035723_103360.2133_JHL65-1@CompuServe.COM>

Hello Jerry.

The LSB on 3.5 / 7.2 MHz and USB on 14.2 MHz and above is, I think, a convention left over from the days when SSB rigs were still mostly homebrew.

A lot of the early filter type SSB generator rigs were based on the old McCoy "Golden Guardian" crystal filters, which had a 9.0 MHz center frequency. They beat this signal against a VFO that tuned the 5.0 - 5.5 MHz range. They were also set up for generating only one SSB signal, to keep the rigs simple and cheap; you could make the rig cheaper if you only used one crystal in the carrier oscillator.

If the 9 MHz generator spit out a USB signal, when it was beat against the VFO the difference frequency was in the 3.5 - 4.0 MHz range, LSB.

Similarly, the sum frequency was 14.0 - 14.5 MHz, USB.

I guess the early SSB men got used to this scheme, and saw no reason to change the convention. It just caught on, and became the norm.

73's,

Tom, K9TA

End of BOATANCHORS Digest 1640

>From ???@??? Tue Aug 26 21:32:46 1997
Message-Id: <199708261909.0AA26656@sco.theporch.com>
Date: Tue, 26 Aug 1997 14:09:44 CDT
Subject: BOATANCHORS digest 1641

BOATANCHORS Digest 1641

Topics covered in this issue include:

- 1) Looking for switchbox article...
by "Larry Johnson" <k5yf@wt.net>
- 2) DX-60A
by Ken Gordon <keng@uidaho.edu>
- 3) FS Restored R390A
by David Medley <davemed@worldnet.att.net>
- 4) Forget TVI !
by "Larry" <rau@wco.com>
- 5) Dynaco Kits
by Sandra L Knepper <slkst29+@pitt.edu>
- 6) Re: WTB: Power transf for 51S1(F)
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 7) Re: Freq-agile Apache
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 8) Re: Where have all the 5U4s gone?
by marty@aa4rm.radio.org (locale for Marty Reynolds)
- 9) BA Accys & Lit FS
by don merz <71333.144@CompuServe.COM>
- 10) Reference earlier, "Advice on roller inductors.."
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 11) FS: SX-101, B&W 5100B
by Avery Comarow <AComarow@usnews.com>
- 12) HOWARD RADIO # 436 need info
by J P Taillebois <jpt1@idirect.com>
- 13) FS BC 654 & TCS cables
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 14) Halli, Eico in Denver Antique Store
by GDePrez@aol.com
- 15) Parts wanted: Hammarlund SP-110
by w2ec@VNET.IBM.COM
- 16) Front Panel refinishing needed - Hammarlund SP-110SX
by w2ec@VNET.IBM.COM
- 17) Parts & Tubes for sale
by owens@stout.atd.ucar.edu (Chip Owens)
- 18) Parts wanted: Hallicrafters SX-28 and SX-28A
by w2ec@VNET.IBM.COM
- 19) SWR mismatch tolerance in BA's???
by bdhall@ghg.net (Benjamin D. Hall)
- 20) Re: SSB Question
by jproc@bellglobal.com (Jerry Proc)
- 21) RE: Drake 2-NT transmitter
by JONWEINER@aol.com
- 22) Re: Freq-agile Apache
by anders@autopsy.csd.sgi.com (Greg Anders)
- 23) Band Hopper VFO manual
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 24) SX-71 VFO
by "Andy Howard, WA4KCY" <sweetbay@compuserve.com>

- 25) FA qst
by "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
26) Re: Forget TVI !
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
27) re: Odd Valiant Problem, Easy Fix
by Tom Taylor <ttaylor@Adobe.COM>
28) Re: Odd Valiant Problem, Easy Fix
by Keith Heitzmann <kk5fe@communique.net>

Date: Tue, 26 Aug 1997 05:07:00 +0100
From: "Larry Johnson" <k5yf@wt.net>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Looking for switchbox article...
Message-ID: <199708260457.XAA17372@pan.wt.net>

There was a recent article in one of the mags about a switchbox for rcv/xmttr, including details such as muting, etc. I think this article was in the last several months but can't find it. Anybody remember seeing it and which mag it was in??? Thanks.

Larry Johnson
Internet: k5yf@wt.net
Houston, TX

Date: Mon, 25 Aug 1997 22:12:55 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: boatanchors@sco.theporch.com
Subject: DX-60A
Message-ID: <Pine.BSF.3.95.970825220946.7880C-1000000@piobaire.mines.uidaho.edu>

Received a DX-60A transmitter today which needs some TLC. Anyone have a COMPLETE manual which they could copy and send?

The usual reimbursement applies.

Address below on left.

Thanks.

Kenneth G. Gordon W7EKB

College of Mines and Earth Resources

226 N. Washington St. //or// University of Idaho
Moscow, Idaho 83843 Moscow, Idaho 83844
(208)-882-8745 (208)-885-6133
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling
Traditional Roman Catholic

My PGP Public Key Upon Request.

Date: Mon, 25 Aug 1997 22:18:32 -0700
From: David Medley <davemed@worldnet.att.net>
To: boatanchors@theporch.com
Cc: glowbugs@www.atl.org
Subject: FS Restored R390A
Message-ID: <3.0.3.32.19970825221832.00763f34@postoffice.worldnet.att.net>

I have a fully restored R390A receiver for sale. This unit is complete with all covers and meters and is in fully operational condition. This is a really nice radio. Will supply full info on request.
e-mail <davemed@worldnet.att.net>

Date: Tue, 26 Aug 1997 04:06:27 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Forget TVI !
Message-ID: <199708261008.DAA15872@shell.wco.com>

Wait untill you see the brain cancer and blindness disclaimers they are going to have to put on cell phones...Actually Motorola lobbied heavily to suppress the medical implications of thier "little brain child"

Seinfeld ought to do a one liner about like this :

" How smart do you have to be to but the antenna of a microwave transmitter right next to your brain and eyes, and key the thing up ? "

Ever see the mom with the high power portable cellphone in the car, with the antenn right next to the baby's head. Hey why not just put the little darlin' in the microwave ? !!

Captain Curmudgeon

Date: Tue, 26 Aug 1997 07:53:55 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: boatanchors@theporch.com
Subject: Dynaco Kits
Message-ID: <Pine.GS0.3.96L.970826074222.4642B-100000@unixs1.cis.pitt.edu>

I need the base for the Dynaco stereo 410 kit. This is the metal plate where the transformers are to be mounted. I guess I could fabricate one but then I have no idea where the mounting holes would be for the components.

I have some old catalogs from a firm in Dublin, Ohio, by the name of Sound Values. I have been unsuccessful in reaching them by phone. In their catalog they had a substantial listing of Dynaco parts for sale including the metal work.

Also, I have for sale a very nice Dynaco Model 70 stereo amplifier that has the newer updated preamplifier board installed if anyone is interested. I have no idea what one is worth. On a scale of 1 to 10, I would give this one at least a 8+.

Can anyone assist me in finding a bottom plate for the amplifier. Thank you.

Dave, W3BJZ
Publisher of the monthly Collins Journal

Date: Tue, 26 Aug 1997 08:16:51 -0400
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
To: boatanchors@theporch.com, jp@cs.unc.edu
Subject: Re: WTB: Power transf for 51S1(F)
Message-ID: <199708261216.IAA04064@aa4rm>

Use a small vertical shell pwr xfrm with 5 & 6V wdg.s. The 'S1 HV is already SS & probably has a bad 'cart. diode' & that's why pwr xfrm dead.

How to get 28V?? Series 5 & 6V wdg.s & make a FW voltage doubler outa 2 diodes & 2 10V 2000mfd caps that outa find a place under the

chassis

Works for me & the cost is nada

Or you can get a custom xfrm wound for 2x the cost of the blown 'S1 -
so don't thro out the bulgy iron carcass awreddy. Some orig-'o-file
might duit someday.

'rm

Date: Tue, 26 Aug 1997 08:20:43 -0400
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
To: boatanchors@theporch.com, maccary@on-ramp.ioc.com
Subject: Re: Freq-agile Apache
Message-ID: <199708261220.IAA04085@aa4rm>

Re^^2: never cud fix +/- 1kHz jumping bean

How did that mil-secret spread spectrum Apache ever get outa the back seat of
Broderick Crawford's CHP Nash & out to Alcatraz???

Date: Tue, 26 Aug 1997 08:32:54 -0400
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
To: boatanchors@theporch.com, morriso@vifp.monash.edu.au
Subject: Re: Where have all the 5U4s gone?
Message-ID: <199708261232.IAA04145@aa4rm>

Long long ago... P, P, & M '66

Well fitting radios with silicon diodes takes them to the dimension
of 'hi tech solid state'

Diodes are lots easier to understand than transistors.

Half the conversions have the diodes in backwards, blow fuses,
& are sold cheap 'cause the "old tube radio" was obselete anyhow.

We're the benefactors of such ego puffing butchery.

But a 5U4 does dissapate 15W fil just sitting there & I've changed
'em with a series resistor 1ce or 2ce.

'rm

Date: 26 Aug 97 08:42:36 EDT
From: don merz <71333.144@CompuServe.COM>
To: <boatanchors@theporch.com>
Subject: BA Accys & Lit FS
Message-ID: <970826124236_71333.144_DHB47-1@CompuServe.COM>

BA Accessories & Literature FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

MICROPHONES

AMD M63L plastic hand mic. Small handmic in black plastic with gray coiled cord. PTT button on top. The only marking says "Hand Mic Made in Japan." Late-50's vintage I'd guess. Brand new in original box. \$9
Electro-Voice 630 Hi-z mic with cord. Nice stainless steel mic. \$29
Electro Voice EV-649B dynamic microphone. This is a small modern lavalier-style mic with a 4 foot cord. The cord is fraying at the mic end. With 2-pin mic connector that has an intermittent connection. Working as-designed. \$20
Military PTT hand mic type 9104, NAF 213264-6. Looks like TCS mic. Needs cleaning. Otherwise good. \$9
Electro Voice 647 microphone. High impedance, saltshaker mic. No cord. \$10

HEADPHONES

Generic headset (no brand name). Magnetic type with metal diaphragms in bakelite earpieces. Vinyl headband. No plugs or pin jacks on cord ends. As-is. \$3 each. 2 to sell.
Roberts Electronics (of reel-to-reel tape fame) headphones model 38-50. Big, old fashioned cover-the-ear style with vinyl headband and long cord with separate right-left volume controls built in. 1/4" phone plug. Very nice. \$15 PPD
Koss stereo headphones. Neat old cover-the-ear style with wide plexiglass headband and large earphones. Gray. No model number. It just says "Koss Inc. Pat. Pend. Milwaukee." Very different. \$13 PPD
EW Comb headset. Vinyl headband. Bakelite earpieces. Cloth cord. 1/4" phone jack (almost certainly unoriginal). Excellent. \$9 PPD
EW Comb headset. Identical to above except plug cut off. Nice. \$6 PPD

MILITARY LITERATURE (Originals Unless Noted)

TM 11-5820-453-10 AN/GRC-87/AN/VRC-34 operator's manual. Like new. \$10
TM 11-5820-283-35P Receiver-Transmitters RT-66/GRC, RT-67/GRC and
TM 11-600 SCR-528/508 original manual. Good. \$8
TM 9-867 Maintenance and Care Of Hand Tools. 1945. Excellent. \$6
TM 11-242 Radio Set SCR-300-A. 1943. Good. \$10
U.S. Navy 1946 The Bluejackets' Manual. Excellent. 600+ pages. \$13
U.S. Navy 1946 "Your Navy." Near-mint. 450+ pages \$13
Navy Model OBL-3 Oscillograph original manual. This is the Triumph 841
'scope. \$8
FM 21-100 Basic Field Manual, Soldiers Handbook, 7/23/41 as ammended
through 12/28/42. Good. \$9
Electronic Warfare, How to Train A Combat Bataillion To Fight In An Electronic
Warfare Environment. Dept. Of The Army Training Circular TC 32-10, 1975.
Profusely illustrated 20 page pamphlet. \$8
Military MAR instruction manual. Large manual for post-war RCA rig.
1947. About 400 pages. \$9
Navy Model MN Radio manual, 1942. The MN was an early Link-built wideband
FM set for use on minesweepers and other small ships working together.
Contract NXs-3834, April 20, 1942. Lots of markings on front cover but
excellent overall condition. \$6
Navy Model MN-5 Radio manual, 1944. The MN-5 was a later version of the MN.
Contracts NXsr-41011 & NXsr 48343, November 8, 1944. Binding edge is
deteriorating, otherwise very good. \$6
Military FM 21-76 Survival Field Manual, October, 1957. 284 pages.
Near-mint. \$8
First Armored Division Yearbook from 1952. Covering Combat Command B
stationed in Fort Hood, Texas. About 150 pages of excellent B&W photos
showing the training and deployment of the Division. Only a few radio
shots. Lots of Armor and light weapons shown in use. If you knew anyone
in the First Armored in 1952, then their photo will be in this book.
Terrific! \$21

VARIOUS HAM AND WIRELESS LITERATURE, HB=HardBack, PPD=Postage Paid

Schure, Alexander, Filters and Attenuators, Rider #166-36. Very good
paperback. 87 pp. \$7
RCA RC-14 Receiving Tube Manual. Cover just fair. Otherwise good. \$9
Crews, Albert, Radio Production Directing, Houghton Mifflin Radio
Broadcasting Series, 1944. 550 pp. Excellent hardback. Great photo
section covering RCA and Western Electric studio mics. \$20
Williams, Henry, The Fundamentals of Electronics and Their Application
In Modern Life, The New Home Library, 1945. Binding edge poor on
this hardback. 230 pp. \$3
1946 Radio Handbook, Editors & Engineers, 10th ed., excellent hardback: \$23
Collins, Frederick A., The Radio Amateur's Handbook, 1922. The classic
amateur handbook. Loose pages. Cover frayed at edges. Fair. \$22

Collins, Frederick A. and Hertzberg, Robert, The Radio Amateur's Handbook, 12th ed., 1970. Updated version of the above. Lots of Heathkit and great shack photos. Cover watermarked. \$11

Cockaday, 23 Lessons In Radio, 1931. Compiled series of Radio News articles. Excellent. \$24

Greiff, Victor, The Superheterodyne Manual, 1st ed., Receptrad Series #1, 1924. Top edge of cover and binding edge crumbling. \$23

Orr, Beam Antenna Handbook, 4th ed., 1971. Cover edges fraying. \$4

Nisbett, Alec, The Technique of the Sound Studio, 3rd ed., 1974. Very good paperback. \$6

Bassett, Rex, The Bassett Handbook of Rotary Beam Design, 1st ed., 1939. Excellent paperback. Includes Bassett radio parts & equipment catalog in back. \$9

Supreme/Beitman 1926-1938 Most Often Needed Radio Diagrams and Servicing Information. Volume 1 dated 1941. \$12

Original RCA/Cunningham tube engineering bulletin FOR CX-345 Power Amplifier dated March 1, 1929. 4 pages long. Aged and a bit dirty but still nice: \$3

Thordarson 344-C Transmitter Guide. 1939. Excellent original. \$12

1961 Radio Amateur DX Guide by H. J. Nelson. Published by Radio Amateur Call Book, Inc. Very good. \$4

ICS Radio Operators Handbook, 1924, 1st Edition. HB: \$9

CQ-DX Annual. 1948. 1st Edition, 1st Printing. \$4

1939-40 Cornell-Dubilier Capacitor Manual for Radio Servicing. Nice. \$6

Bell System Technical Journal, Index to Volume 9, 1930: \$2

Allied Dictionary of Electronic Terms, 1961. Cover has some stains but this is otherwise like new. 80+ pages with hundreds of photos and diagrams. \$2

Ameco Amateur Radio Theory Course, 1978. Excellent. \$2

Radio Shack "Now You're Talking" ham license training book. \$2

Eimac Reference Literature Photocopy Set. This is about 60 pages of Eimac technical material published 1948 - 1954. Mostly written by K6BJ (John Reinartz), these are short (4-6 pages) & hand typed. This complete Eimac photocopy set is \$8.50 Postage-paid. The set includes:

- BUILD YOUR OWN TRANSMITTER, A GUIDE FOR DESIGNERS, 16pp, 1947
- The Tuna Fish Can RF-Bridge Voltmeter
- Screen and Grid Modulation of Eimac Tetrodes
- The Reduction of Harmonic Power Output in Amateur Transmitters
- A Carrier level and Modulation Indicating Meter
- Pi Network Shortcuts
- A Capacity Antenna For Vertical Heights Less than 1/4 Wavelength
- Coupling Circuits Between Stages and To Antenna
- Simple Tube Calculations
- Tetrode Neutralization Considerations
- Untitled (but the subject is audio transformer selection)
- Conversion Factors For Power Amplifier Triodes and Pentodes
- Increased Audio Without Splatter

A Further Explanation of the Paper "Increased Audio Without Splatter"
Application Bulletin #4: Class C Amplifier Calculations. B&W copy of a
color 4 page brochure. The Eimac 450TL is used as an example. 1948.
Application Bulletin #5: Tube Performance Computer (sic). B&W copy of
a color 4 page brochure with translucent vinyl insert overlay to be
used "with constant current curves to obtain plate, grid and screen
current values; also output and driving power." 1952.

ARRL (Vintage) BOOKSTORE

ARRL Handbooks

1949, wear and small tears at binding: \$19
1963, cover worn lightly: \$19
1974 ARRL Handbook. Creases in cover, some wear. \$6
1991 ARRL Handbook. Excellent hardback. \$11

Antenna Book, 5th ed., 1949. Cover well worn. 2" tear in back cover. \$8
Antenna Book. 1968. Binding edge loose. \$7
Antenna Book, 13th ed., 1974, VG: \$7
Antenna Book, 13th ed., 1974. Excellent. \$8
Antenna Book, 14th ed., 1984. Cover rough. \$4

Radio Amateur's License Manual, 1964. Edge taped nicely. \$2
Radio Amateur's License Manual, 52nd ed., 1964. Good. \$2
Radio Amateur's License Manual, 58th ed., 1967. Good. \$2
Radio Amateur's License Manual, 61st ed., 1968. Good. \$2
Radio Amateur's License Manual, 1968. Fair. \$2
Radio Amateur's License Manual, 1969, 62nd ed., very good. \$2
Radio Amateur's License Manual, 1971. Good. \$2
Radio Amateur's License Manual, 68th ed., 1972. Exc. \$2
How To Become A Radio Amateur. Cover taped. 1970. \$2
How To Become A Radio Amateur, 1974. Excellent. \$2
Operating An Amateur Radio Station, ARRL, 1971. \$2
Radio Amateur's Operating Manual, 3rd ed., 1972. Several cover folds. \$2
Public Service Communications, ARRL, undated (1970's). \$2
200 Meters and Down. 1981 reprint. Excellent. \$7 PPD
Ham Radio Operating Guide, 1976. Good paperback. \$3
Radio Amateur's VHF Manual, 1972, 2nd ed. Cover shows age. \$6
Tune In The World With Ham radio, 1976. With Student Workbook. Good
paperback. \$5

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Date: Tue, 26 Aug 1997 07:14:12 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: Reference earlier, "Advice on roller inductors.."
Message-ID: <3402D69F.4446@lobo.net>

Reference to a source for roller inductors..

I have purchased a pretty fair one from TEN TEK: 19uH. It is used in their linears and in their antenna tuner. About \$60 when I bought it. Looks wimpy, in that the end plates are PC fiberglass and not ceramic, as in WWII parts, but it does the job OK. I' added an external coil for 10M, and my tuner works fine at the 2kw PEP level. Part # 81040, assembled.

They also sell a transmitting cap in kit form..plates in one bag, spacers and rods in another..500pf@ 3500 v..they also use this one in thir gear. Not like a chunky old National, but does the job. About \$60 also, and takes some patience to align the plates. Part # 80-858

Finally, their 40-800pf @ 3500v cap kit is about \$75. I did not build this model. Part # 80-858-1.

And Surplus Sales of Omaha is a good place to look for this type of thing; they have a nice roller, but it's quite \$\$.

Hope this will be of some help to you builders out there...those delights from your childhood don't seem to be around any more; I didn't see but one piece (a TX cap) last week here in Albuquerque at the AARC Flea market, and I couldn't sell any of my linear parts at 'give-away' prices.'

Herb Rosenthal W5AN

Date: Tue, 26 Aug 1997 08:38:53 -0500 (CDT)
From: Avery Comarow <AComarow@usnews.com>
To: <boatanchors@theporch.com>
Subject: FS: SX-101, B&W 5100B
Message-ID: <2.2.16.19970826093330.1befac7e@pop3.usnews.com>

Got to thin down the collection somehow!

I'm not sure what version the SX-101 is--it's the one with 160m. All original knobs; original manual for Mark I. I got it from one of the regulars here who said it worked, but I never plugged it in. I'd give it a 6 for condition--no dents, a fair number of paint chips, and the top has a

ghost where somebody left a 16mm film reel for years. It's dusty, and some of the switches seem a little sticky, but I'd guess that it will clean up very nicely. I'd like \$180.

The B&W 5100B likewise is dusty, but it loads up fine. There's a bit of a tickle from the chassis; I'd bet a bypass cap on the input side of the power transformer is leaky (surprise!). I'd rate this baby a 7 to 7.5. With good manual copy plus manual of service notes.

Both are very heavy, and I'd much prefer a sale local to the Washington/Baltimore area, but will consider meeting a buyer a little outside the area.

Avery W40GK

Date: Tue, 26 Aug 1997 09:47:54 -0400
From: J P Taillebois <jpt1@idirect.com>
To: boatanchors@theporch.com
Subject: HOWARD RADIO # 436 need info
Message-ID: <199708261347.JAA19600@nexus.idirect.com>

Hi to everyone,

I found an old Howard rcvr last week end, in rough but complete shape. I am looking for any informations regarding the manufacturer and maybe a source for the schematic. The radio needs complete restoration but looks like an interesting piece to have around the shack.

Thanks in advance.

73

----- VE3JPT VE3JPT VE3JPT

Jean Paul Taillebois Interest:
Hallicrafter, Gonset, Johnson, Collins, Military
radios and books.
996 Greenlane Court
Oshawa Ontario Canada
L1K-2C6
voice: 905 723 1811
paket: ve3jpt@va3vw

Date: Tue, 26 Aug 1997 07:05:01 -0700
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>
To: boatanchors@theporch.com
Subject: FS BC 654 & TCS cables
Message-ID: <2.2.16.19970826070458.38cf1850@eitel.eimac.cpii.com>

A friend has a couple of the power cables available as used on the BC 654, these are in unused condition asking \$25 ea. He also has 4 TCS xmtr cables , 6 receiver cables and what may be the remote speaker/control box cable. He is asking \$20 ea on these cables , condition unknown.

The fellow who has these cables is Mike Tara and he lives in Stockton Calif. His phone no. is 209 931 6059. Please call between 6 - 9 PM PST.

PLEASE CONTACT MIKE ABOUT THESE CABLES AND NOT ME. I am just passing this info along the group.

Regards
Paul N6FEG

Paul Thekan - Speaking for Himself
Paul.Thekan@eimac.cpii.com

Date: Tue, 26 Aug 1997 10:26:24 -0400 (EDT)
From: GDePrez@aol.com
To: boatanchors@theporch.com
Subject: Halli, Eico in Denver Antique Store
Message-ID: <970826102453_1614230534@emout16.mail.aol.com>

Spotted in "Al's Collectibles," antique store in Denver (on Broadway) last week:

-Hallicrafters S-41G "Skyrider Jr." 3 band Gen Coverage Rcvr. Complete, undamaged, orig knobs, some scratches. Al has it priced at \$95, would probably dicker.

-Eico Model 723 60w CW transmitter. Complete, all knobs, case OK but many scratches. no price noted.

(He also has dozens of 40s-50s b'cast radios.)

If interested, call Al, 303-733-6502. No personal interest here; just want to let interested parties know these are "up for adoption."

Greg DePrez
GDePrez@aol.com

Date: Tue, 26 Aug 97 10:19:20 EDT
From: w2ec@VNET.IBM.COM
To: boatanchors@sco.theporch.com
Subject: Parts wanted: Hammarlund SP-110
Message-ID: <199708261433.JAA20295@sco.theporch.com>

I just obtained a Hammarlund SP-110SX / PS / Speaker that is in need of a complete cleaning/restoration. This is the SX version, 1.25mc to 40mc with crystal filter.

An initial/abbreviated inspection indicates that while it is mostly complete, it is lacking three knobs (the small round/fluted knobs with steel arrow pointer). These seem to be the same as used on any of the early SP models for audio, rf gain, etc.

The shaft seems to be broke off the crystal filter phasing control (this is one of the missing knobs) so I may need one of these caps as well.

Additionally, I may be in need of an S-meter. I don't know if this one works yet, but it is clear that there is a burn mark on the facing where the meter illumination bulb was pressed too close to the meter facing and discolored it. Even if this meter works, I'd want to replace the meter face if possible.

There may be more parts needed as I begin the process of cleaning and restoring.

Does anyone have a parts SP-1xx or SP-2xx radio I can scrounge things off?

73, Ray W2EC w2ec@vnet.ibm.com

Date: Tue, 26 Aug 97 10:33:35 EDT
From: w2ec@VNET.IBM.COM
To: boatanchors@sco.theporch.com
Subject: Front Panel refinishing needed - Hammarlund SP-110SX
Message-ID: <199708261438.JAA20516@sco.theporch.com>

Is there anyone who specializes in refinishing Hammarlund front panels for the SP-110?

I have an SP-110SX that will need a repainted/lettered front panel. All the other radios I've done have had either raised or engraved lettering, so I've been able to do them myself. But this one has the painted on lettering. I could of course use stick-on letter but that would look tacky. This radio deserves to have it done right.

How do others restore the front panels? I've heard people talk about having a silk screen done, but where do you come up with the original artwork?

73, Ray W2EC w2ec@vnet.ibm.com

Date: Tue, 26 Aug 1997 08:41:44 -0600 (MDT)
From: owens@stout.atd.ucar.edu (Chip Owens)
To: boatanchors@theporch.com
Subject: Parts & Tubes for sale
Message-ID: <199708261441.IAA21988@atd.atd.ucar.EDU>

FOR SALE:

1. VT-62/801 tubes. unused & in original boxes. tested on TV-7 and all are well above spec. have 3 to sell @ \$15 ea.
2. big Cardwell dual-section variable capacitor, unused mil.surplus. 36 to 110pf/section with 1/4" spacing, 7500volts
size: 13"long X 6 1/4" high X 4" wide, 3/8" d. shaft X 2" long
FSN 5910-254-9236, in mil. packing box, \$45
3. 10 to 22MC plug-in coils for Measurements 59 grid dip meter \$5ea.
4. National 175KC IF transformers for RAS or baby HRO receiver.
these are new in box, have 2 @ \$5ea.
5. Eimac 4-1000A (mil surplus) unused, filaments good, but not tested.
(I couldn't find the settings on the TV-7 for this one) \$95
6. Eimac SK-500 socket for 4-1000A (metal) unused, \$35
7. Eimac SK-506 chimney for 4-1000A, used but no chips or cracks \$40
8. Triad F-28U, 7.5V/25amp filament transformer for 4-1000A, good, \$30

buyer pays shipping from zip code 80303, Boulder, Colorado

James Owens, NW00

Date: Tue, 26 Aug 97 10:47:12 EDT
From: w2ec@VNET.IBM.COM
To: boatanchors@sco.theporch.com
Subject: Parts wanted: Hallicrafters SX-28 and SX-28A
Message-ID: <199708261506.KAA21269@sco.theporch.com>

I have one each SX-28 and SX-28A that I will start restoring soon. Initial inspection shows I'll be needing the following parts:

SX-28

- Rear panel terminal block - marked 5000, for 5000 ohm speaker connection
- Rear panel terminal block - marked 500, for 500 ohm speaker connection
- Rear panel terminal block - unmarked? for antenna (A1 and A2) connection
- Antenna Trimmer Knob - (same as knob used for BFO or Crystal Phasing)
- Audio Gain Knob - (same as used for Tone, ANL, RF Gain)
- Top cover plate over tuning capacitors (uses screws to secure)
- Bandsread pointer - (The pointer arm/arrow that moves up and down)
- Bottom cover plate for under chassis

SX-28A

- Audio Gain Control - (same as used for Tone, ANL, RF Gain)
- Top cover plate over tuning capacitors (uses latches to secure)

I hear that these knobs were used on several other Hallicrafters of this vintage (SX-25?). The Antenna Trimmer (BFO, Crystal Phase) knob has a center 0 (zero) while the Audio (Tone, ANL etc) knob has the numbers 0 thru 9.

I expect there may be more parts needed as I get into them, but for now, any help on these items?

Also have two speakers to go with them. Quite heavy, large with fins on the front. 10" speakers with field and voice coil connections. What was the speaker model number that went with the SX-28 series? The speaker cases are identical. Were the fins polished metal or painted?

73, Ray W2EC w2ec@vnet.ibm.com

Date: Tue, 26 Aug 1997 10:10:14 -0500
From: bdhall@ghg.net (Benjamin D. Hall)
To: boatanchors@sco.theporch.com
Subject: SWR mismatch tolerance in BA's???
Message-ID: <3.0.32.19970826101009.006939c8@mailman.ghgcorp.com>

Greetings all... Was sitting here at work proof reading a briefing I'm giving tomorrow, and all of a sudden found myself thinking about boatanchors... What else is new, eh? ;)

Anyhow, I remember reading somewhere that one of the great benefits of BA finaled equipment over solid state was their tolerance for poor SWR conditions. The book went on to say that equipment with transistor finals were not as tolerant.

But, the book never said *how* tolerant BA's were to high SWR's. The reason I ask, is that I'm in the process of troubleshooting a Heathkit Pawnee 2M AM rig, and have been testing it occasionally on the air to chase down hum and scratching in the audio. (90% of the scratch was from a dirty PTT switch in the mic) I've only been able to get the SWR on the antenna down to 2.5:1, as I'm using a 5/8th wave mag mount antenna as a base antenna unit. (the price on it was right) Just wondering if I'm hurting the final tube with too high of an SWR. The Heathkit manual doesn't even mention SWR in it...

Anyone know of any numbers or am I being overly paranoid? Am thinking about building a J-pole for it one of these days...

Thanks and 73 y'all,
Ben

Date: Tue, 26 Aug 1997 11:13:11 -0400
From: jproc@bellglobal.com (Jerry Proc)
To: boatanchors@theporch.com
Subject: Re: SSB Question
Message-ID: <3402F287.9F@bellglobal.com>

Thanks to everyone who responded to my question about U/L sidebands. As a consolation prize I learned of a new mode (Independednt Side band) which I had never heard of before.

Regards,
Jerry Proc VE3FAB
jproc@bellglobal.com
HMCS HAIDA Naval Museum, Toronto Ont.

Date: Tue, 26 Aug 1997 11:49:28 -0400 (EDT)
From: JONWEINER@aol.com

To: boatanchors@theporch.com
Subject: RE: Drake 2-NT transmitter
Message-ID: <970826114900_-999744697@emout16.mail.aol.com>

For sale, an excellent condition Drake 2-NT, with original manual, \$100,
including shipping.

Jon, K1VVC

Date: Tue, 26 Aug 1997 09:05:10 -0700
From: anders@autopsy.csd.sgi.com (Greg Anders)
To: marty@aa4rm.radio.org, Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Freq-agile Apache
Message-ID: <9708260905.ZM9704@autopsy.csd.sgi.com>

On Aug 26, 8:20am, locale for Marty Reynolds wrote:
> Subject: Re: Freq-agile Apache
> Re^^2: never cud fix +/- 1kz jumping bean
>
> How did that mil-secret spread spectrum Apache ever get outa the back seat of
> Broderick Crawford's CHP Nash & out to Alcatraz???

>>>>>>>Lloyd Bridges took it out there on his boat.

10/4

--

Greg Anders

"If at first you don't succeed.....then skydiving is not for you"

anders@autopsy.sgi.com
KG6YV

Date: Tue, 26 Aug 1997 10:35:41 -0700
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: Band Hopper VFO manual
Message-ID: <000138C3.1914@svlima.sv.sc.philips.com>

Sorry for the B/W, but I erased the post from the person that had the Lakeshore Band Hopper VFO manual for sale. I would like to buy the manual if it is still available (or at least a copy of it). TNX, Brian Harris WA5UEK

Date: Tue, 26 Aug 1997 13:42:11 -0400
From: "Andy Howard, WA4KCY" <sweetbay@compuserve.com>
To: "LIST, MULTIPLE RECIPIENT" <BOATANCHORS@theporch.com>
Subject: SX-71 VFO
Message-ID: <199708261342_MC2-1E41-2D49@compuserve.com>

Hello to all,

I have a friend who needs the VFO trimmer and knob for an SX-71. The set has been damaged and the knob and trimmer were damaged beyond repair.

Any help greatly appreciated.

Thanks and 73,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202  
AMI #9 - Southeastern Division Director  
<http://ourworld.compuserve.com/homepages/sweetbay>  
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Keeper of the Hallicrafters SX-88 Owners List

Date: Tue, 26 Aug 1997 14:01:00 -0500 (EST)
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
To: boatanchors@theporch.com
Subject: FA qst
Message-ID: <C1431ZWZKN35Y5*/R=FIRNVX/R=A1/U=WOODJ/@MHS>

QST march 1917 NO COVERS but good readable condition: 7.00 PP.
QST directory of America calls, 1919(8 pages loose) POOR but readable"
5.00PP.
Index of QST for vol XVI, 1932(4pages) fair . 3.50pp.
Jim /N4ACS
woodj@mail.firn.edu

Date: Tue, 26 Aug 1997 13:02:07 -0500
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Forget TVI !
Message-ID: <3.0.32.19970826130203.0081f250@postoffice.worldnet.att.net>

At 11:06 AM 8/26/97 +0000, you wrote:
>Wait untill you see the brain cancer and blindness disclaimers they are
>going to have to put on cell phones...Actually Motorola lobbied heavily to
>suppress the medical implications of thier "little brain child"

I saw something on TV once about a fellow who tested these cell phones and
that he got a brain tumor from it.

>
>Seinfeld ought to do a one liner about like this :
>
>" How smart do you have to be to put the antenna of a microwave transmitter
>right next to your brain and eyes, and key the thing up ? "

Not very, although people like my dad do it all the time!

I don't use my bag cell phone much. When I do it's either hung from my
shoulder meaning the antenna is near my waist or it's connected to the
outside antenna on the back of my truck's cab about 2 feet from my head.

bratcher at worldnet dot att dot net
Record collector, 8mm, super 8, 16 and 35mm Film collector.
Looking for prerecorded reel to reel tape albums.
I like old radio's too.
Collins, Hallicrafters, National & Hammurlund are my Favorites!

Date: Tue, 26 Aug 1997 12:00:09 -0700
From: Tom Taylor <ttaylor@Adobe.COM>
To: boatanchors@theporch.com
Subject: re: Odd Valiant Problem, Easy Fix
Message-ID: <v03007809b028d6442da5@[144.7.25.26]>

>The moral of the story, I suppose , is that one should always check out the
>easy things in a broken rig first (like the tubes), before tearing into the
>guts. Not a very profound moral, but there's at least one Valiant owner out
>there who lost a really nice rig by ignoring it.

I had a similar experience last Saturday night trying to get a Drake 2-A to work.

When I bought the radio, the power cord had been snipped off. I installed a new cord, plugged the thing in, connected an antenna, and turned it on. The radio lit up, but there was no audio and the S meter was broken. After hearing so many toasted transformer stories here, I tested the power supply. The HV seemed fine. All the filaments in the tubes seemed to be lit. I decided to work backwards and see if the audio stage worked. I fed an audio signal into the grid of the audio output tube and there was still no sound in the headphones. At that point, I decided to test all the tubes. As I was pulling the tubes out, I noticed that a 6U8 had been replaced with a 12AU7 and the 6AQ5 audio output had been replaced by a 6BE6 (or something like that). I tested the remainder of the tubes and put two new correct tubes in their sockets. After powering up the 2-A, it worked fine. I can only assume that some past seller of the radio simply stuck whatever tubes he could find in those two empty slots to make the rig more "sellable."

Tom Taylor N7TM

Tom Taylor
ttaylor@adobe.com

Date: Tue, 26 Aug 1997 07:48:56 -0500 (CDT)
From: Keith Heitzmann <kk5fe@communique.net>
To: boatanchors@theporch.com
Subject: Re: Odd Valiant Problem, Easy Fix
Message-ID: <2.2.16.19970826075001.35a773f2@mail.communiquenet>

At 09:04 PM 8/25/97 -0400, Jim Garland W8ZR wrote:

>To make a long story short, the problem turned out to be merely a bad tube
>--- not the VFO tube, but the keyer tube, a 12AU7! Replacing it restored
>normal operation..... <SNIP>

>The moral of the story, I suppose , is that one should always check out the
>easy things in a broken rig first (like the tubes).....

AMEN!

Thanks Jim, for the info. I have a Valiant and will look out for that, but I
also have a Ranger that when I first got it, seemed to have a weird problem
in the audio that was pointing everywhere but where it was.
The fix though, was the same..... Replaced the 12AU7!

Maybe there is a second moral to the story, check your 12AU7 anyway!

Take care everybody, and hope to see you on AMI weekend.

Keith KK5FE

-----Keeper of all that I buy-----
-----AMI# 837-----
-----Visit my Vintage Radio Web Site-----
-----<http://www.communique.net/~kk5fe>-----
Collector of tube radio's and vintage fishing equipment

End of BOATANCHORS Digest 1641
